FIG._1C

FIG._1D

FIG._1E

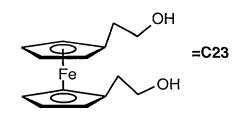


FIG._1F

FIG._1G

FIG._1J

+

FIG._1M

FIG._1N

-1-

FIG._1P

FIG._1Q

FIG._1R

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$$\begin{array}{c|c} S - (CH_2)_{7_16} (OCH_2CH_2)_{0_7} OH \\ & R_1 \\ S - (CH_2)_{0_4} C - R_2 \\ & R_4 \end{array}$$

 R_1 , R_2 , AND R_3 : H, CH_3 , t-BUTYL, CYCLOALKYL, CH_2OH , CH_2NH_2 , COOH, $CH_2OPO_3^{2-}$, AROMATIC, ADAMANTYL

FIG. _ 2A

M44, CT99, CT105 FOR 8Fc (D772) SYSTEM WITH SIGNAL / BACKGROUND RATIO 6.00E-07 593 / 1 5.00E-07 -**POSITIVE** 851 / 1 **MEGATIVE** 4.00E-07 -AVG. IP AT 1000 Hz 3.00E-07 -(AMPS) 308 / 1 2.00E-07 -1.00E-07 -0.00E+00 -M44 **CT99** CT105 FIG. _ 2C **CHIPS**

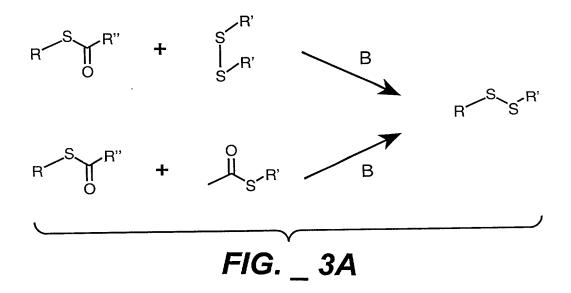


FIG. _ 3B

_

1

METHOD A

FIG. _ 3D-1

+

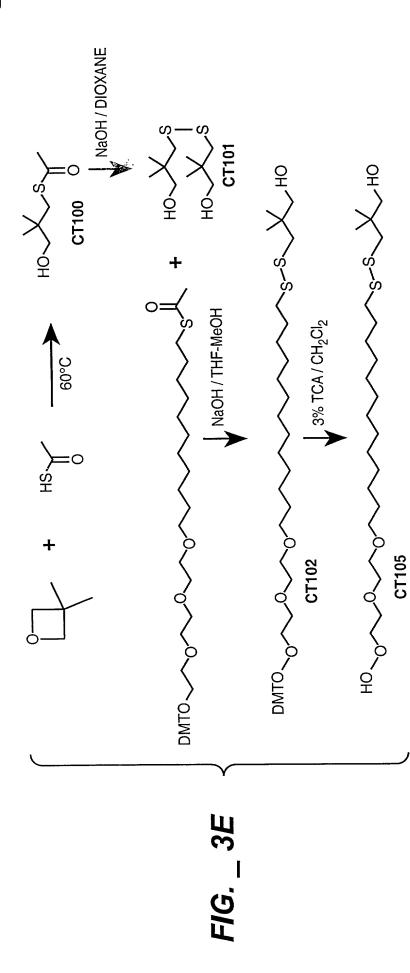
FIG. _ 3D FIG. _ 30-1 FIG. _ 30-2

METHOD B Br OH BH₃/THF OH CH₃COSNa CH₃OH OH DMTCI / DMPA ODMT

K136

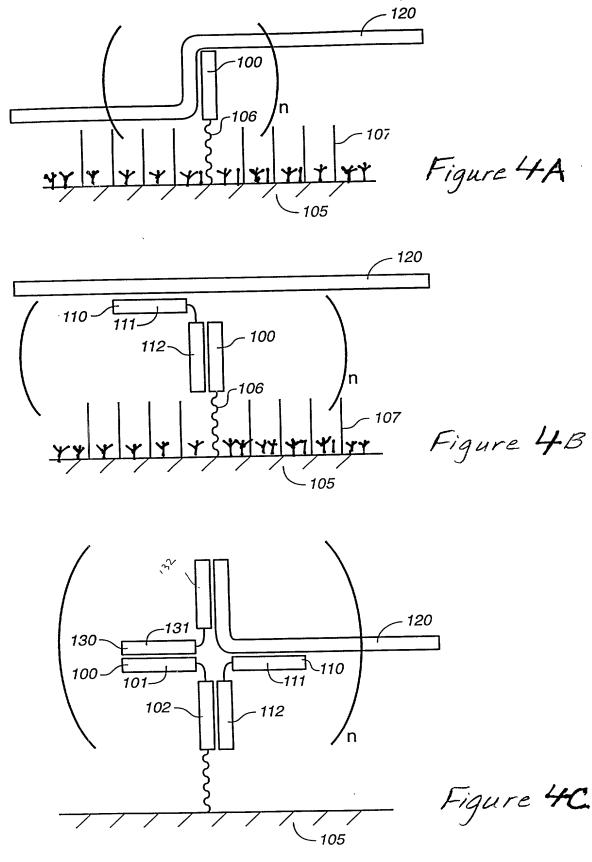
FIG. _ 3D-2

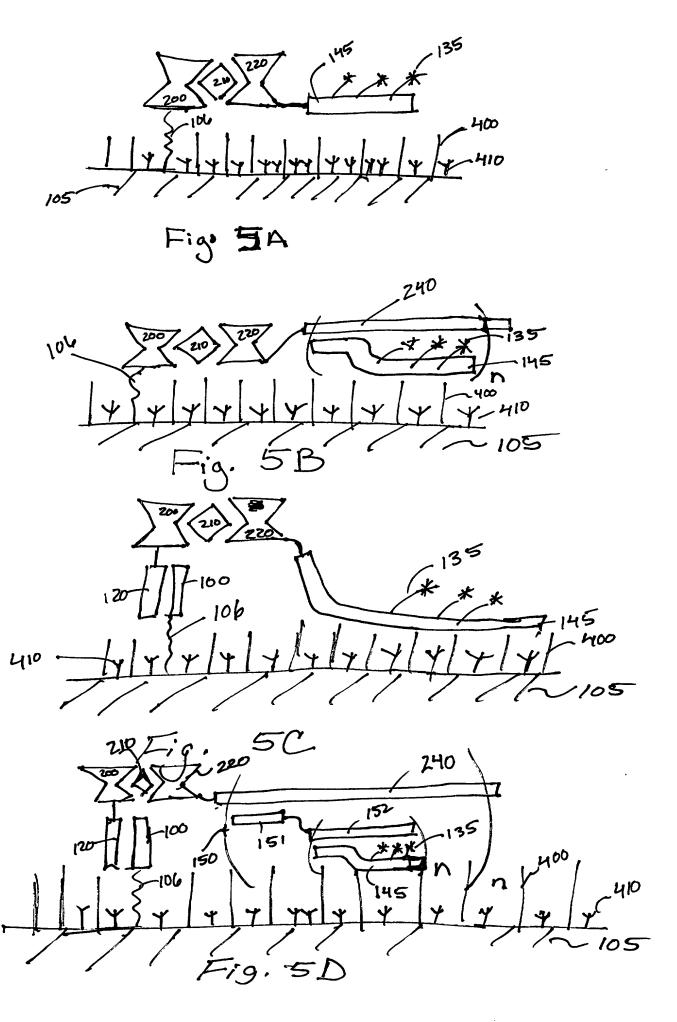
+

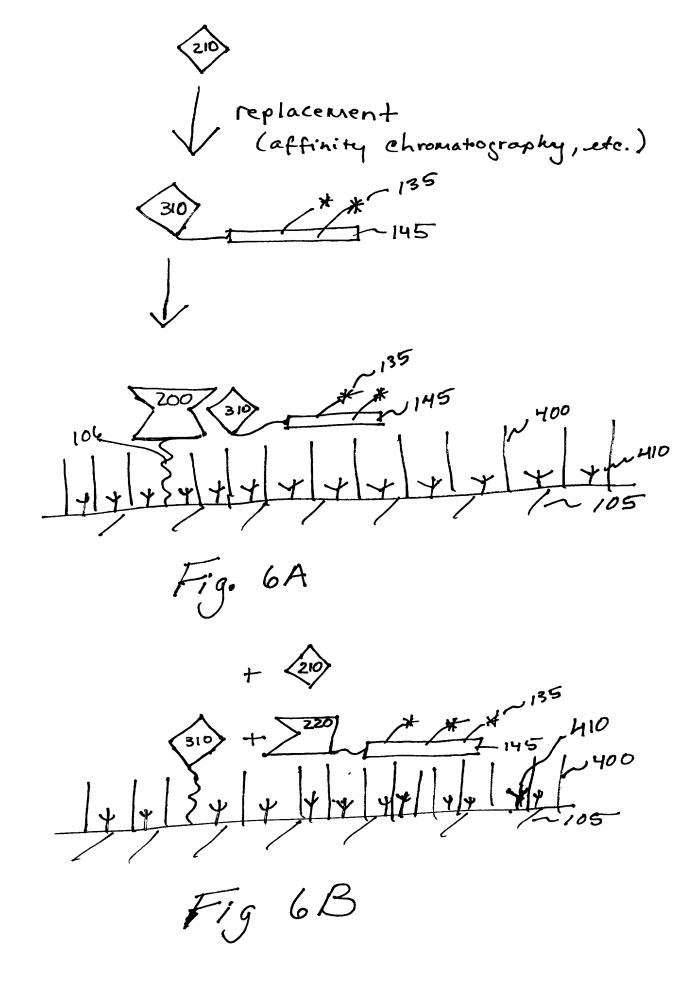


FOR CAPTURE PROBES INSULATOR N184 N177

1







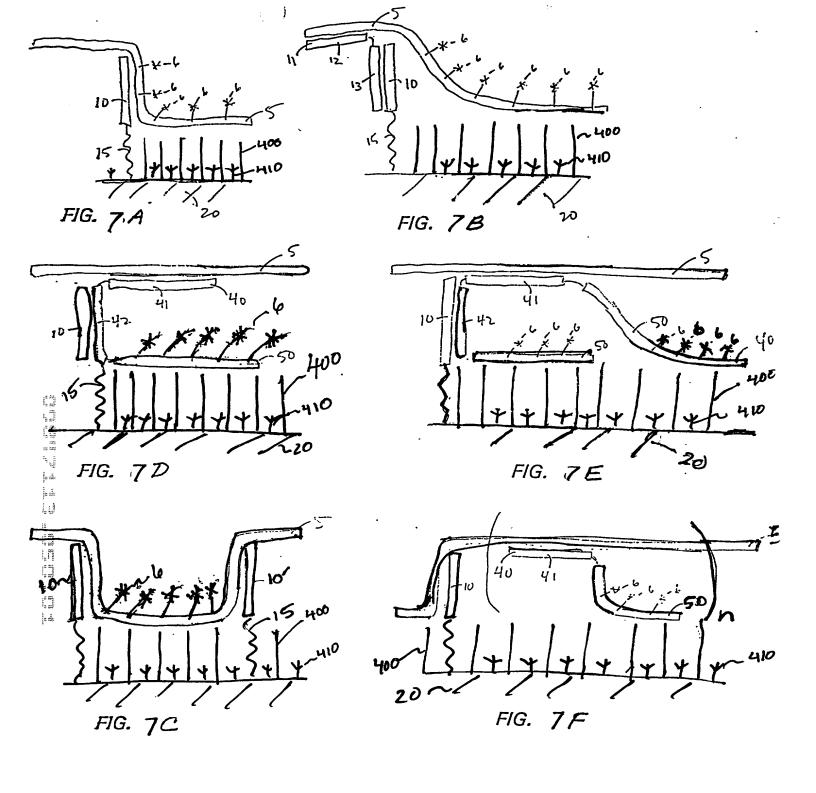
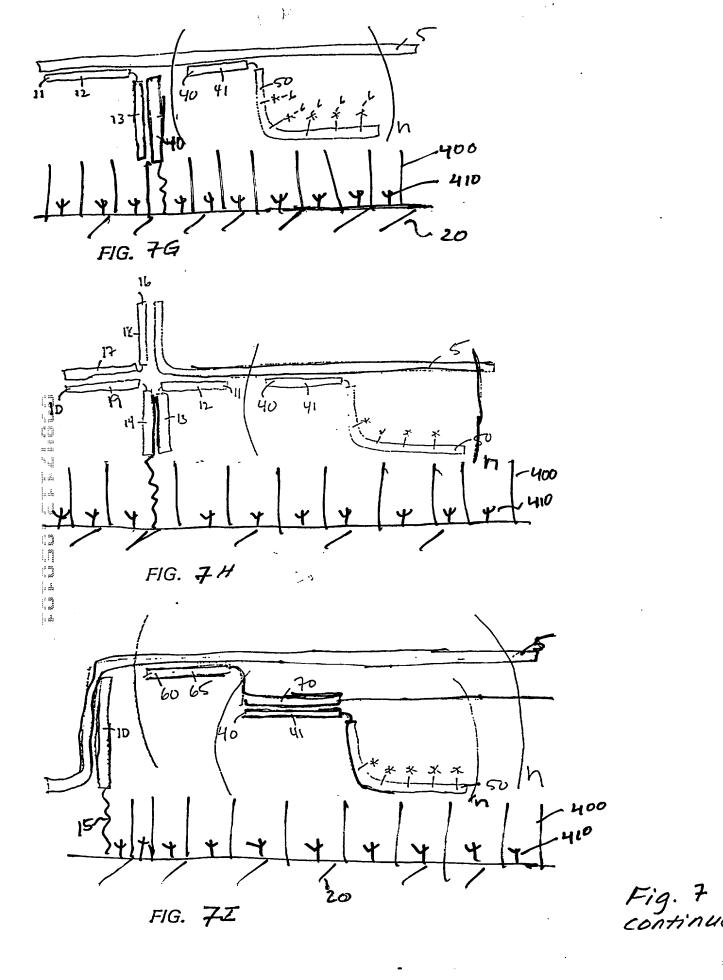
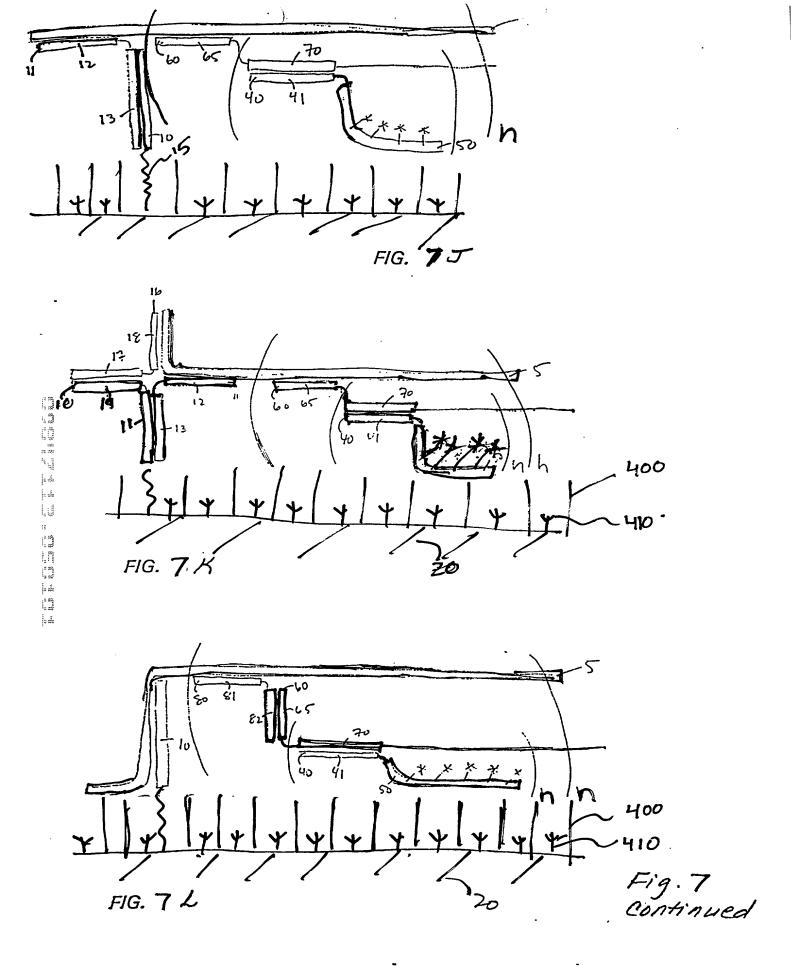
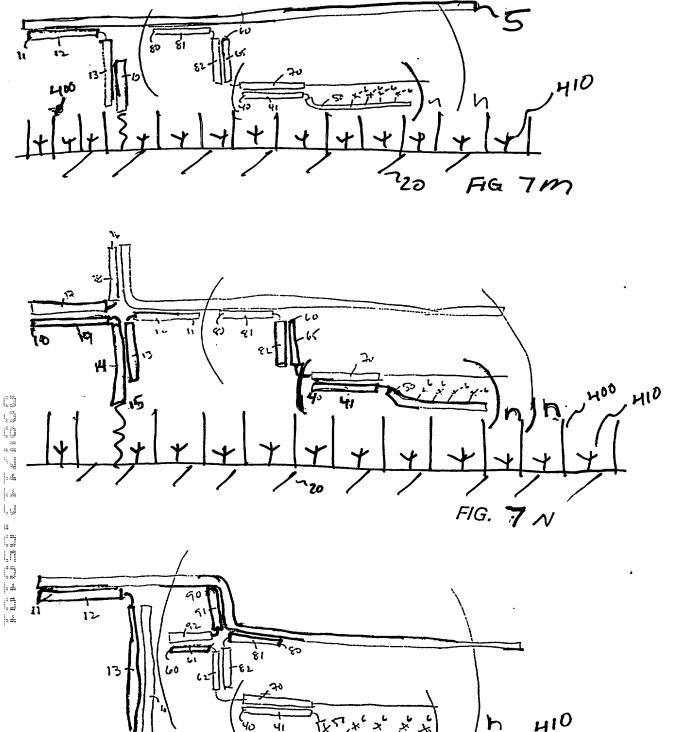


Figure 7







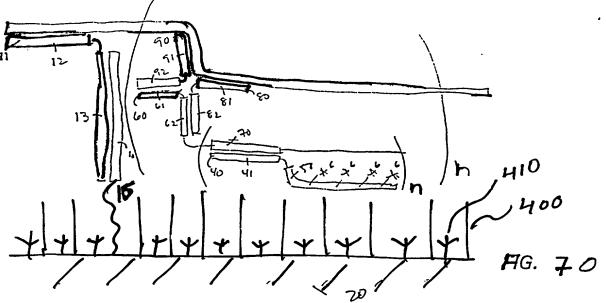


Fig. 7 Continued

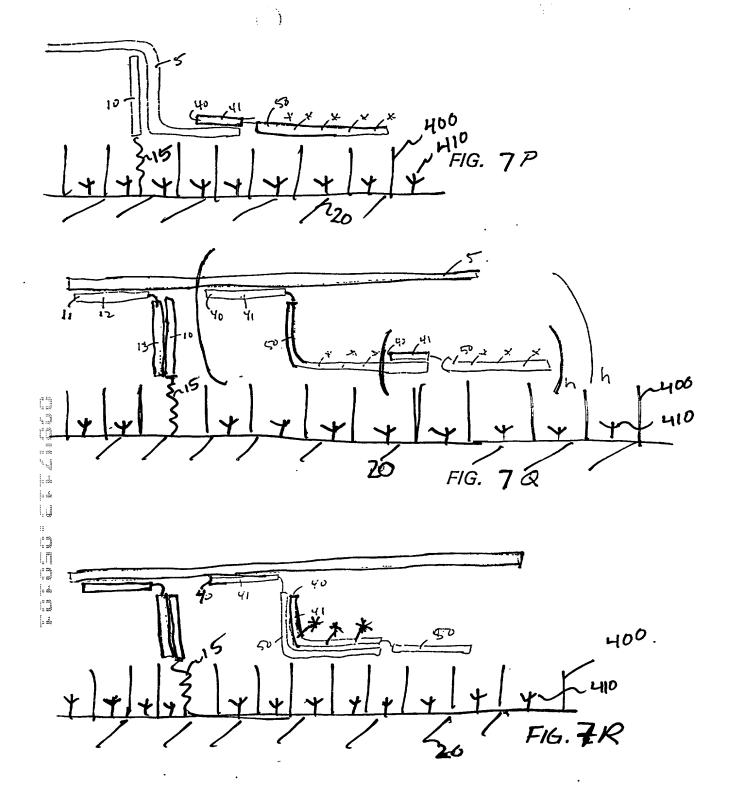


Fig. 7 Continued

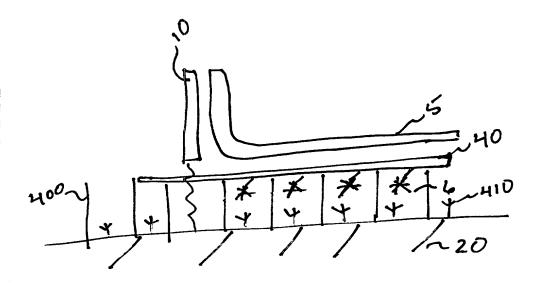
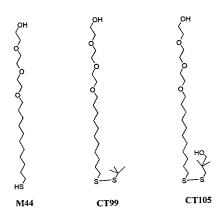
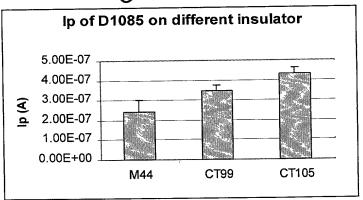
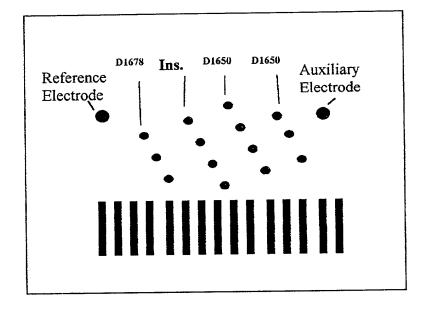
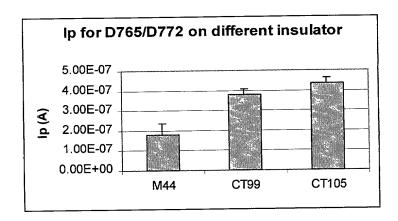


Fig 8









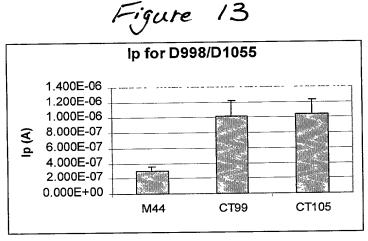
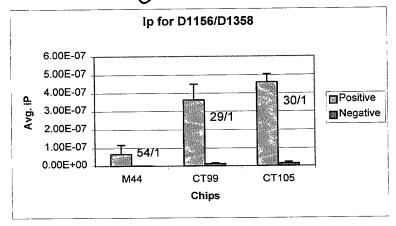
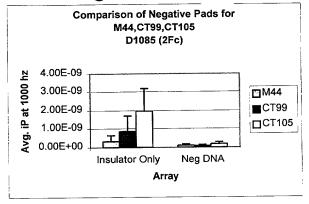
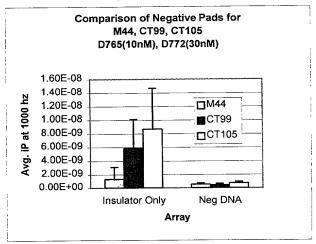


Figure 14









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F 4.8 F 4.8 ... 2.8

